

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E86595

Participation : CTR

Employer : Lake Washington Institute of Technology

Status : Affected

Worksite : 150

Survey Type : Online

Street : 11605 132nd Ave Ne

Response Rate : 99%

Jurisdiction : City of Kirkland

Survey Date : 5/17/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 10.9%

Drive Alone Rate : 89.1%

One-Way VMT per employee : 14.9

Average One-Way distance home to work : 16.2

Employees and Survey Response Information

Reported Total Employees at Worksite: 616

Surveys Distributed : 182

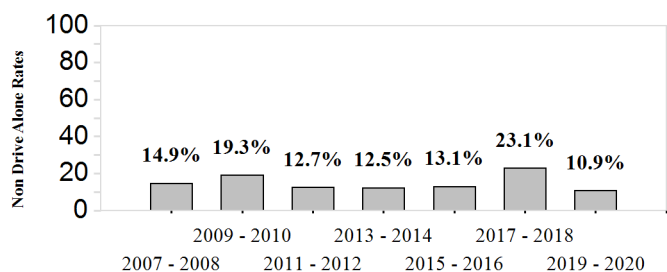
Surveys Returned : 180

Surveys Returned by CTR Affected* Employees : 148

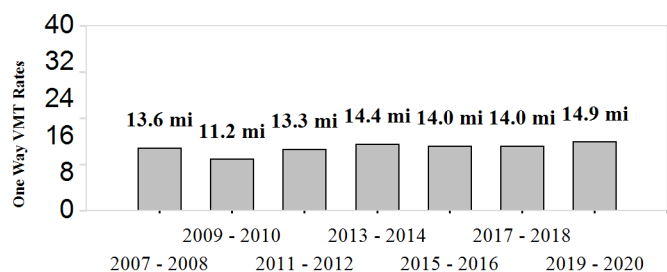
Total Estimated CTR Affected Employees at Worksite : 150

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

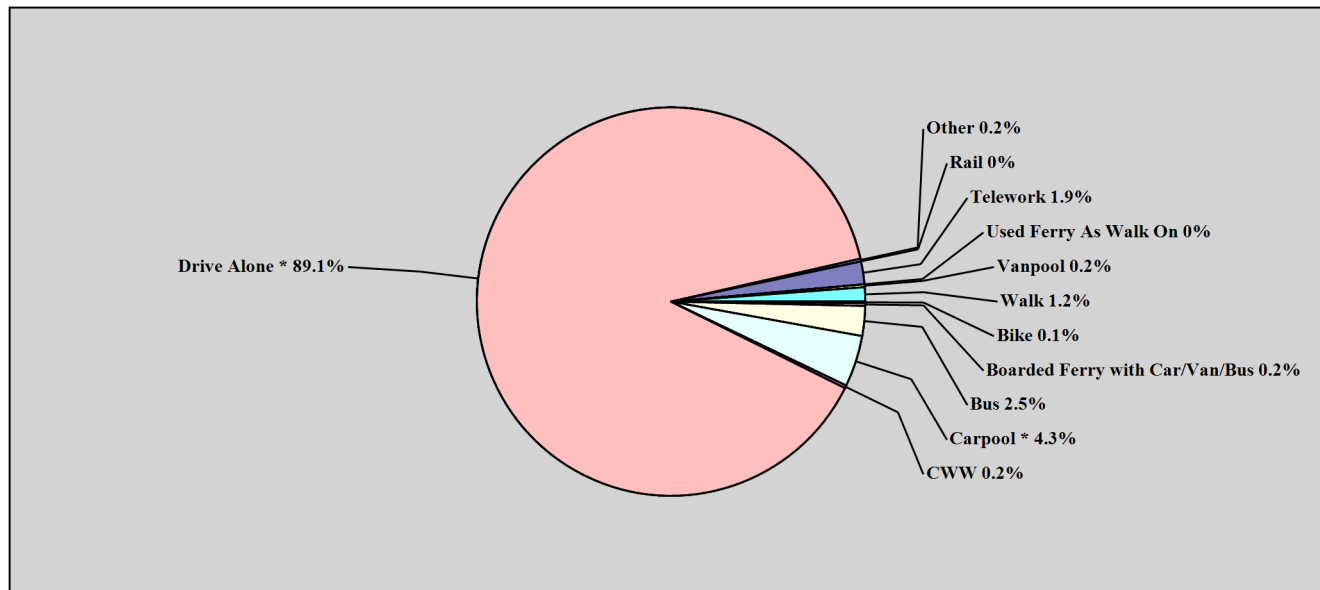
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	14.9%	15.2%	409	1668	23.9	13.6	13.3
2009 - 2010	19.3%	17.4%	277	1319	18.9	11.2	11.7
2011 - 2012	12.7%	12.0%	352	1420	20.3	13.3	12.9
2013 - 2014	12.5%	12.5%	450	1481	21.2	14.4	14.1
2015 - 2016	13.1%	12.3%	456	1935	27.7	14.0	13.9
2017 - 2018	23.1%	22.8%	452	2336	33.4	14.0	13.8
2019 - 2020	10.9%	10.2%	559	1912	27.4	14.9	14.1
Target	20.9%				Target:	11.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-4.0				% Change from Baseline:	9.6%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



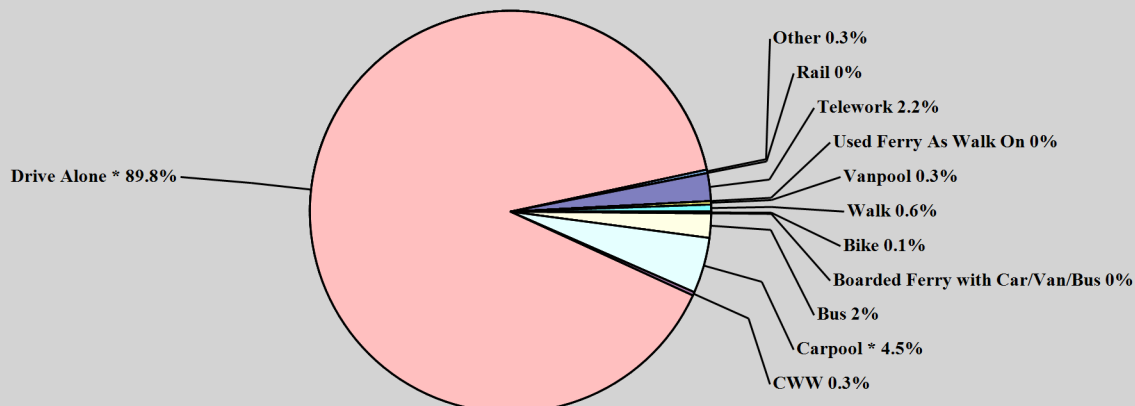
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	752	89.1%	76.9%	170	94.4%	82.6%
Carpool *	36	4.3%	14.3%	11	6.1%	18.1%
Vanpool	2	0.2%	0.0%	1	0.6%	0.0%
Bus	21	2.5%	5.2%	4	2.2%	6.7%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	1	0.1%	0.1%	1	0.6%	0.7%
Walk	10	1.2%	0.8%	4	2.2%	1.3%
Telework	16	1.9%	2.1%	11	6.1%	8.1%
CWW	2	0.2%	0.1%	2	1.1%	0.7%
Boarded Ferry with Car/Van/Bus	2	0.2%	0.0%	1	0.6%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.2%	0.4%	2	1.1%	1.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	642	89.8%	77.2%	142	95.9%	82.2%
Carpool *	32	4.5%	14.0%	10	6.8%	18.6%
Vanpool	2	0.3%	0.0%	1	0.7%	0.0%
Bus	14	2.0%	6.0%	3	2.0%	7.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	1	0.1%	0.0%	1	0.7%	0.0%
Walk	4	0.6%	0.6%	2	1.4%	0.8%
Telework	16	2.2%	1.9%	11	7.4%	7.8%
CWW	2	0.3%	0.2%	2	1.4%	0.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.3%	0.2%	2	1.4%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	145	81%	180	100%
1 Days	17	9%	35	19%
2 Days	3	2%	18	10%
3 Days	2	1%	15	8%
4 Days	4	2%	13	7%
5 Days	8	4%	9	5%
6 or More Days	1	1%	1	1%

Count by Occupancy of Carpools and Vanpools

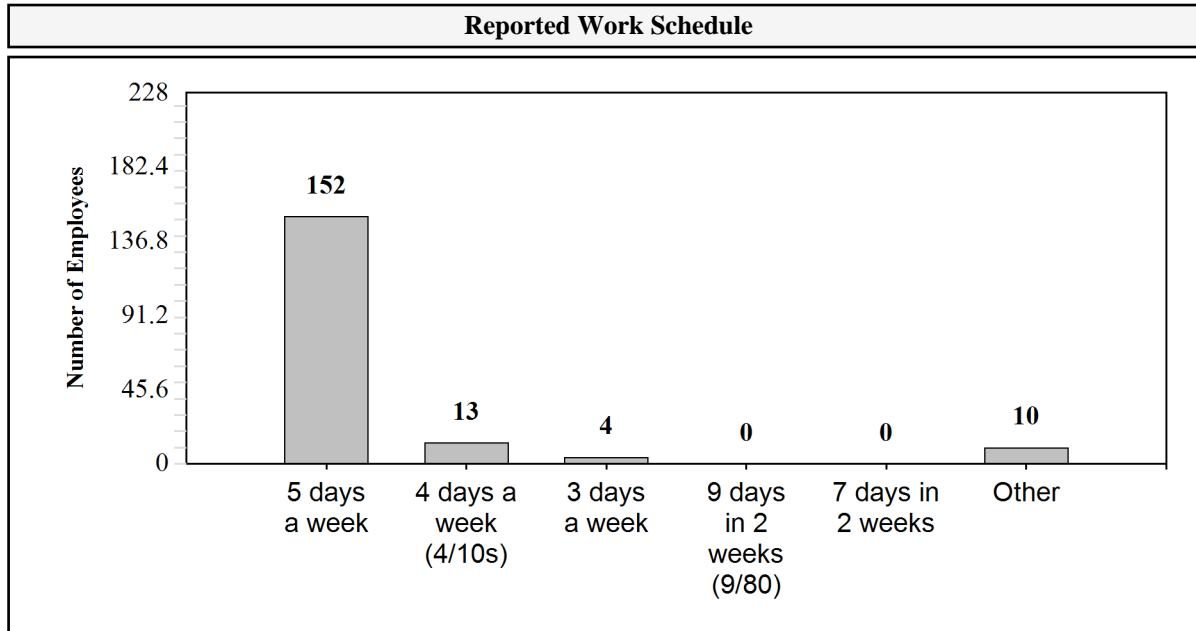
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	36
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	2
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

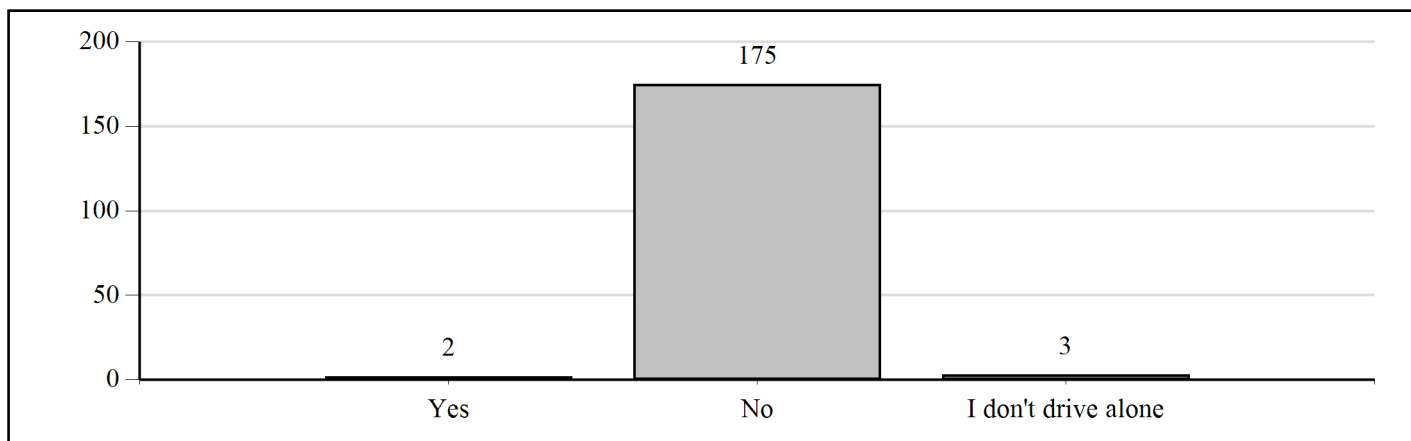
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	152	84.9%
4 days a week (4/10s)	13	7.3%
3 days a week	4	2.2%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	10	5.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	107	59.4%
Occasionally, on an as-needed basis	47	26.1%
1-2 days/month	5	2.8%
1 day/week	17	9.4%
2 days/week	1	0.6%
3 days/week	3	1.7%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	47	16.9%
I have the option of teleworking	43	15.5%
Personal health or well-being	34	12.2%
To save money	33	11.9%
Environmental and community benefits	28	10.1%
Financial incentives for carpooling, bicycling or walking.	21	7.6%
To save time using the HOV lane	20	7.2%
Driving myself is not an option	19	6.8%
Free or subsidized bus, train, vanpool pass or fare benefit	17	6.1%
Emergency ride home is provided	10	3.6%
Cost of parking or lack of parking	3	1.1%
I receive a financial incentive for giving up my parking space	2	0.7%
Preferred/reserved carpool/vanpool parking is provided	1	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	124	29.5%
I like the convenience of having my car	105	24.9%
Family care or similar obligations	62	14.7%
My commute distance is too short	39	9.3%
Other	35	8.3%
My job requires me to use my car for work	23	5.5%
Bicycling or walking isn't safe	20	4.8%
I need more information on alternative modes	11	2.6%
There isn't any secure or covered bicycle parking	2	0.5%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	20	11.11%	77	1	0	4	7	0	0	6	1	0	0	0	0
98034	18	10.00%	72	4	0	1	0	0	0	3	1	1	0	0	0
98012	11	6.11%	54	0	0	0	0	0	0	0	1	0	0	0	0
98011	10	5.56%	48	0	0	0	0	0	0	1	0	0	0	0	0
98208	8	4.44%	29	4	0	0	0	0	0	0	0	0	0	0	0
98272	8	4.44%	29	11	0	0	0	0	0	0	0	0	0	0	0
98033	7	3.89%	25	0	0	0	5	0	0	0	0	0	0	0	0
98072	7	3.89%	24	0	0	0	4	0	0	0	1	0	0	0	1
98036	6	3.33%	28	0	0	0	0	0	0	0	0	0	0	0	0
98021	5	2.78%	23	0	0	0	0	0	0	0	2	0	0	0	0
98026	4	2.22%	16	0	0	0	0	0	0	0	0	0	0	0	0
98043	4	2.22%	17	0	0	0	0	0	0	0	0	0	0	0	0
98077	4	2.22%	20	0	0	0	0	0	0	0	0	0	0	0	0
98027	3	1.67%	11	0	0	0	0	0	0	0	1	0	0	0	0
98028	3	1.67%	12	0	0	0	0	0	0	0	0	0	0	0	0
98037	3	1.67%	15	0	0	0	0	0	0	0	0	0	0	0	0
98117	3	1.67%	14	0	0	0	0	0	0	0	1	1	0	0	0
98204	3	1.67%	15	0	0	0	0	0	0	0	0	0	0	0	0
98270	3	1.67%	15	0	0	0	0	0	0	0	0	0	0	0	0
98275	3	1.67%	14	0	0	0	0	0	0	0	0	0	0	0	0
98007	2	1.11%	9	0	0	0	0	0	0	0	0	0	0	0	0
98053	2	1.11%	9	0	0	0	0	0	0	0	1	0	0	0	0
98065	2	1.11%	10	0	0	0	0	0	0	0	0	0	0	0	0
98103	2	1.11%	7	0	0	0	0	0	0	0	0	0	0	0	1
98118	2	1.11%	10	0	0	0	0	0	0	0	0	0	0	0	0
98126	2	1.11%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98133	2	1.11%	9	0	0	0	0	0	0	0	0	0	0	0	0
98203	2	1.11%	10	0	0	0	0	0	0	0	0	0	0	0	0
98296	2	1.11%	8	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.56%	6	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98074	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.56%	0	0	0	0	5	0	0	0	0	0	0	0	0
98109	1	0.56%	4	1	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.56%	3	0	0	1	0	0	1	0	0	0	0	0	0
98144	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98229	1	0.56%	2	0	0	0	0	0	0	0	5	0	0	0	0
98251	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.56%	4	0	0	1	0	0	0	0	0	0	0	0	0
98282	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98290	1	0.56%	0	4	0	0	0	0	0	0	0	0	0	0	0
98294	1	0.56%	0	5	0	0	0	0	0	0	0	0	0	0	0
98360	1	0.56%	0	5	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98367	1	0.56%	0	0	0	0	0	0	0	0	0	0	2	0	0
98409	1	0.56%	3	0	0	0	0	0	0	0	2	0	0	0	0
98503	1	0.56%	2	1	2	0	0	0	0	0	0	0	0	0	0